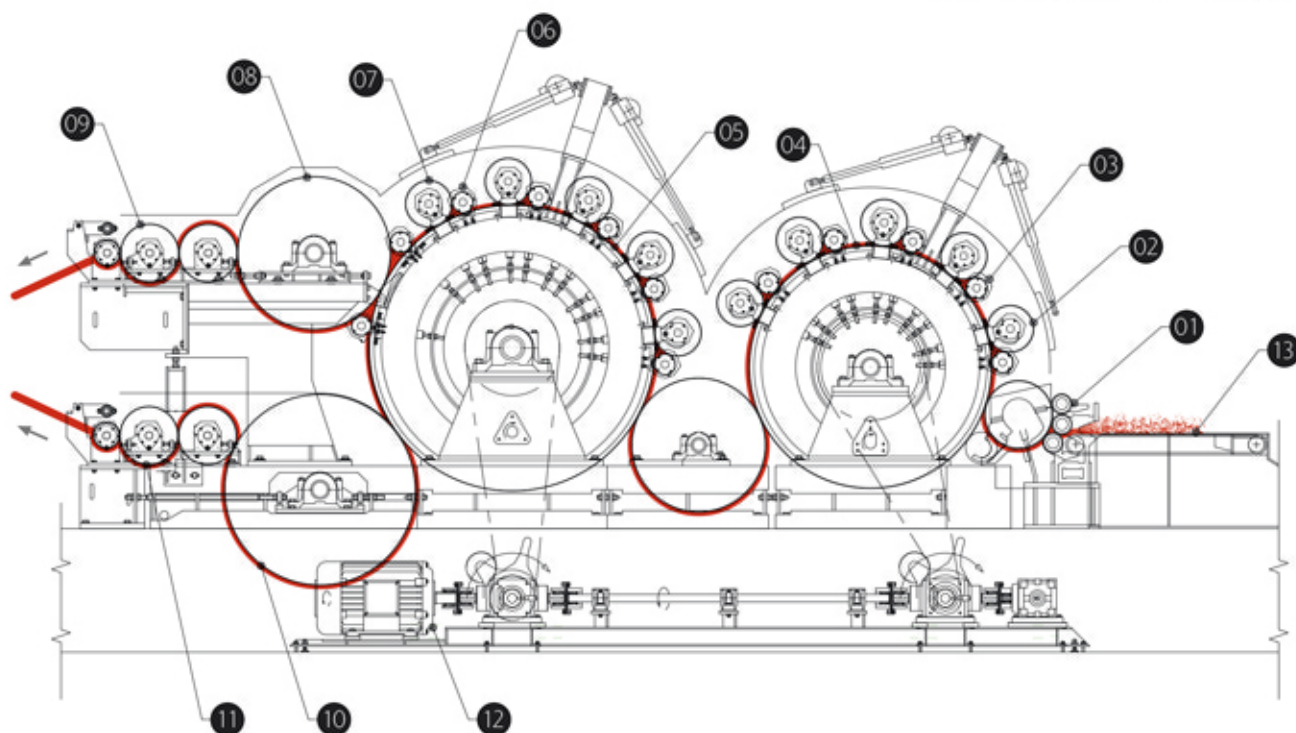


# carding machine/型梳理机

process flow/工艺流程



BASE AND LOAD-BEARING STRUCTURE IN HEAT-TREATED STEEL (870°C) / CYLINDER MADE OF RECTIFIED AND REINFORCED THICK STEEL SHEET / WORKER ROLLERS MADE OF CENTRIFUGED DURALUMINIUM / ELECTRONIC-DIGITAL DYNAMIC AND STATIC BALANCING OF ALL CYLINDERS AND ROLLERS / CAST IRON ROLLER SUPPORTS ASSEMBLED WITH SPECIAL PATENTED SHOCK-ABSORBERS / UNIBLOCK ANTI-VIBRATION CONSTRUCTION SYSTEM FOR MODULAR UNITS / POSSIBILITY OF INSTALLATION ON SEPARATE BASEMENTS IN STEEL, OR ON CONCRETE WALLS OR ON PIT FOUNDATION / WORKING WIDTHS: 2500 MM - 3000 MM - 3500 MM (OTHERS ON REQUEST) / INDEPENDENT FEED BY ELECTRONIC MICRO-WEIGH HOPPERS, VOLUMETRIC FEEDERS OR CONTINUOUS FEED TOWERS / OFF-TAKE UNIT WITH DOUBLE DOFFER AND/OR SINGLE DOFFER / RANDOMIZING ROLLERS AVAILABLE UPON REQUEST FOR EACH DOFFER / WEB TAKEOFF WITH DOFFING COMB (VARIOUS MODELS), OR DOFFING ROLLERS / CENTRALIZED CONTROL AND MANAGEMENT OF THE MACHINE BY STANDING CONTROL PANEL PLC PROGRAMMER FOR PROGRAM MANAGEMENT WITH EXCLUSIVE SOFTWARE (ON REQUEST) / ELECTRICAL WIRING AND ELECTRONIC CIRCUITRY TO IP STANDARD (UL IN THE U.S.) / SAFETY CUTOFFS AND SAFETY MECHANISMS CERTIFIED ACCORDING TO EC STANDARDS / AC MOTORS AND INVERTER ADJUSTABLE FROM THE CONTROL PANEL

01. FEED GROUP / 02. BREAST ROLLER WORKERS / 03. BREAST ROLLER STRIPPERS / 04. BREAST ROLLER / 05. CARD / 06. CARD WORKERS / 07. CARD STRIPPERS / 08. TOP DOFFER / 09. TOP RANDOM GROUP / 10. BOTTOM DOFFER / 11. BOTTOM RANDOM GROUP / 12. MAIN TRANSMISSION DRIVE / 13. CARD FEED TABLE WITH CONTINUOUS WEIGHING SYSTEM

INDEPENDENT DRIVE  
THE MAIN TRANSMISSION DRIVE IS PROVIDED OF A LATEST GENERATION ELECTRONIC CONTROL SYSTEM THAT ALLOWS DRIVING THE MACHINE FROM THE CONTROL PANEL DIRECTLY, THUS PERMITTING THE MAXIMUM OPERATIVE FLEXIBILITY BY GRANTING THE BEST MACHINE PERFORMANCE BOTH IN TERMS OF QUALITY AND PRODUCTION CAPACITY WITH ANY TYPE OF FIBER PROCESSING. THE DRIVE OF THE VARIOUS MACHINE GROUPS IS INDEPENDENT AND INVERTER DRIVEN, SO AS TO GUARANTEE INDEPENDENT SPEED SETTINGS. THE MAIN MOTOR DRIVE (12) ALLOWS ADJUSTING THE GENERAL MACHINE PERFORMANCE BY SETTING THE SPEED OF THE BREAST ROLLER (04) AND THE ONE OF THE MAIN CYLINDER (05)

设备基架和负荷结构为经过热处理 (870°C) 的钢制材料  
锡林滚筒由经过调质处理和加厚的厚钢板制成。工作辊由硬铝合金制成  
所有锡林和滚筒经过数字电子控制的动平衡和静平衡处理  
铸铁罗拉支架配置专利的吸震器  
模块单元采用UNIBLOCK防振动设计结构  
设备基础可采用独立的钢结构, 或混凝土墙结构, 或地坑结构  
设备工作幅宽: 2500毫米-3000毫米-3500毫米(根据要求可生产其它幅宽设备)  
独立喂料机构, 可选用电子精确称重式喂料机, 容量式喂料机, 或连续式喂料机  
采用双道夫和/或单道夫出网结构  
根据客户要求, 每个道夫可配置杂乱罗拉。  
采用高速斩刀(几种规格), 或剥料罗拉转移纤网  
配置一流的电控操作台, 集中控制和管理设备  
采用PLC系统管理工艺编程, 配置专门的软件(任选)  
电子配线和电流设计符合IP标准(符合美国UL标准)  
符合EC标准的安全防护系统  
配备各种交流电机和在电控操作台上调节的变频调速器

01. 喂料机构 / 02. 胸锡林工作辊 / 03. 胸锡林剥毛辊 / 04. 胸锡林 / 05. 主梳理机 / 06. 主梳理机工作辊 / 07. 主梳理机剥毛辊 / 08. 上道夫 / 09. 上道夫杂乱罗拉 / 10. 下道夫 / 11. 下道夫杂乱罗拉 / 12. 主传动机构 / 13. 配备连续称重系统的喂料平台

独立的传动系统  
主传动机构配置了最新一代的电子控制系统, 可以从控制操作台上直接操控机械, 设备工艺适应性达到最大化。对于任何一种原料, 该机均能在质量和产能上具有优异表现。设备上各个机组都是通过变频电机独立驱动的, 保证能够独立地设定它们的速度。主电机驱动(12)可以调节整机车速, 同时可以设定胸锡林滚筒(04)以及主锡林(05)的速度